

Curriculum Vitae

Nicole A. (Crawford) Zelli, Ph.D.

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Education

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| Ph.D., December 2013 | Clinical Psychology, Department of Psychological and Brain Sciences, University of Louisville |
| | Dissertation: <i>Anxiety in children with Williams syndrome: Association with negative reactivity, self-regulation, and sensory modulation</i> |
| Clinical Predoctoral Internship | Indiana University School of Medicine (2011-2012)
Riley Hospital for Children/Larue Carter Hospital |
| M.A., December 2008 | Clinical Psychology, University of Louisville |
| B.A., May 2004 | Psychology, Keene State College |

Consulting Experience

January 2014-May 2014;
August 2015-present

Independent Consultant

- Provide paid and pro bono consultation services for non-profit organizations and professional graduate students
- Assist in the development and refinement of programs, analysis of program efficacy, database management, statistical analysis, and scientific/technical writing
- Teach, present, and provide evidence-based research findings on specialized topics
- Specific focus on family health and child development risk factors such as poverty, pediatric/neurogenetic disorders, and maternal mental health difficulties

June 2014-July 2015
(Maternity Sabbatical)

Teaching Experience

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| August 2016-December 2016 | Adjunct Professor, Research Methods in Audiology, University of Louisville School of Medicine |
| | <ul style="list-style-type: none">• Design curriculum and lecture on research methods and quantitative analyses. Provide individual instruction for proposing capstone project |

July 2008-May 2010

Graduate Teaching Assistant, Quantitative Methods in Psychology, University of Louisville

- Design curriculum and instruct applied lab sections. Grade student exams, teach concepts, and provide individual instruction to students
- Guest lecturer for Regression Analysis and Factorial ANOVA
- Design frequent-recall testing program for students in collaboration with course instructor

January 2008-June 2008

Graduate Teaching Assistant, Abnormal Psychology, University of Louisville

- Grade student exams and assignments, and provide supplemental instruction to students

July 2007-December 2007

Graduate Teaching Assistant, Developmental Psychology, University of Louisville

- Assist in curriculum development. Grade student exams and assignments, and provide supplemental instruction to students
- Designed team-based learning curriculum for students in collaboration with instructor

Research Experience

July 2006-December 2013

Graduate Research Assistant, Neurodevelopmental Sciences Laboratory, University of Louisville (Director- Carolyn B. Mervis, Ph.D.)

- Work as part of an interdisciplinary team investigating genotype/phenotype correlations and longitudinal development of individuals with Williams syndrome or related genetic abnormalities on chromosome 7q11.23
- Assist in data collection and data management
- Design and conduct independent research projects:
 - Association between sensory modulation difficulties and problems behaviors in children with Williams syndrome
 - Stress in caregivers of children with Williams syndrome or Down syndrome
 - Association between phenotype characteristics and anxiety in children with Williams syndrome
 - Association between selective attention to affective stimuli and anxiety symptoms in children with Williams syndrome

June 2007-December 2008

Graduate Research Assistant, Healthy Parents-Healthy Kids Research Center, University of Louisville (Director- Janet Woodruff-Borden, Ph.D.)

- Work as part of a team investigating familial factors associated with anxiety and stress in children. Assist in data collection
- Conduct independent research project investigating the association of child temperament, maternal negative affect, and family environment with internalizing symptoms in preschool-aged children

June 2004-June 2006

Research Assistant, Lab of Developmental Cognitive Neuroscience, Boston University School of Medicine (Director- Helen Tager-Flusberg, Ph.D.)

- Work as part of a team investigating social perception and social-emotional development of children, adolescents, and adults with Williams syndrome or Down syndrome
- Assist in data collection, grant development, experimental design and preparation, data analysis, and recruitment of participants

January 2002-May 2004

Undergraduate Research Assistant, NeuroLab, Keene State College (Director- Lawrence Welkowitz, Ph.D.)

- Coordinate recruitment and scheduling of participants with autism spectrum disorders for study investigating psycholinguistic patterns of speech
- Conduct independent honors program research project examining emotion identification abilities in young adults with Asperger syndrome

Journal Reviewer

Journal of Child Psychology and Psychiatry

Journal of Pediatric Psychology (mentored review)

Journal of Autism and Developmental Disorders (mentored review)

Nonprofit Experience

Board Member for Portland Promise Center, January 2017-present. Provide statistical and program development consultation for social service agency and community development center serving children and families in economically depressed area of Louisville, KY.

Guest Speaker for Mother-Infant Care Program of Catholic Charities, August 2015-present. Give regular presentations on perinatal mood disorders for pregnant and postpartum mothers living in poverty.

Member of Queen's Daughters of Louisville, January 2016-present. Serve as Internet Public Relations Chair for Catholic philanthropic charity organization. Publicize events, create organization website, and coordinate social media pages.

Clinical Experience

May 2012-August 2012

**Psychology Intern
Larue D. Carter Memorial Hospital, Indianapolis, IN
Child Inpatient Unit**

Supervisor: John Spanke, Ph.D.

- Provide individual and group therapy for children and adolescents with severe mental illness
- Conduct psychological assessments and intake evaluations
- Work as part of a multidisciplinary team to address psychiatric concerns and daily care of individuals on child and adolescent inpatient units

January 2012-April 2012

**Psychology Intern
Riley Hospital for Children, Indianapolis, IN
Child and Adolescent Psychiatry, Pediatric Psychology Outpatient Services**

Supervisors: Ann Lagges, Ph.D., Bill Kronenberger, Ph.D., Michele Thorne, Ph.D., Eric Scott, Ph.D.

- Conduct assessments of children and adolescents hospitalized on medical units. Common presenting physical problems include cancer, chronic pain, cystic fibrosis, diabetes, pre- or post-organ transplant, sickle cell anemia, conversion disorder, and failure to thrive
- Work as part of a multidisciplinary team to address psychiatric concerns of children and families on medical units through consult-liaison service
- Work as part of multidisciplinary team to address psychiatric concerns of children and adolescents in outpatient pediatric obesity, pain, and headache clinics
- Conduct psychological assessments of children and adolescents in outpatient pediatric testing clinic

January 2012-April 2012

**Psychology Intern
Riley Hospital for Children, Indianapolis, IN
Christian Sarkine Autism Treatment Center**

Supervisor: Noha Minshawi, Ph.D.

- Provide behavioral parent training for parents of children and adolescents with autism spectrum disorders in outpatient setting
- Conduct intake diagnostic evaluations

- September 2011-December 2011 **Psychology Intern**
Larue D. Carter Memorial Hospital, Indianapolis, IN
Adult Inpatient Unit
 Supervisor: Sarah Landsberger, Ph.D.
- Provide individual and group therapy for adults with severe mental illness
 - Conduct psychological assessments and intake evaluations
 - Work as part of a multidisciplinary team to address psychiatric concerns and daily care of individuals on adult inpatient unit
- September 2011-December 2011 **Psychology Intern**
Riley Hospital for Children, Indianapolis, IN
Pediatric Pain Clinic
 Supervisor: Eric Scott, Ph.D.
- Provide individual therapy for children with chronic pain in outpatient setting
 - Conduct clinical interviews and follow treatment outcomes
 - Work as part of a multidisciplinary team to address psychiatric concerns and pain management of pediatric patients
- July 2006-August 2011 **Graduate Student Therapist**
Neurodevelopmental Sciences Laboratory, University of Louisville
 Supervisors: Carolyn Mervis, Ph.D., Janet Woodruff-Borden, Ph.D.
- Conduct clinical interviews with caregivers of children with Williams syndrome, Down syndrome, and other neurogenetic disorders in laboratory setting
 - Administer intellectual and language assessments to children with varying neurodevelopmental disabilities
 - Work as part of an interdisciplinary team to address medical, psychological, speech, and audiological concerns in children with varying neurogenetic developmental disabilities. Write integrative reports and provide treatment recommendations and referral information for families
- August 2008-August 2010 **Graduate Student Therapist**
Biopsychosocial Team, Psychological Services Center, University of Louisville
 Supervisor: Jay Irby, Ph.D.
- Conduct psychotherapy with adult clients with severe mental illness and/or chronic medical conditions at community mental health center
 - Conduct personality assessments, clinical interviews, and conceptualize cases within the biopsychosocial orientation

July 2007-June 2010

**Graduate Student Therapist
Psychological Assessments, Psychological Services Center,
University of Louisville**

Supervisors: Paul Bock, Ph.D., Bernadette Walter, Ph.D.,
David Winsch, Ph.D.

- Conduct ADHD, learning disability, full diagnostic, and intellectual functioning assessments with children and adults at community mental health center
- Conduct clinical interviews, personality assessments, achievement tests, and school observations
- Conduct advanced placement assessments for children enrolled in Jefferson County Public Schools

August 2006-August 2008

**Graduate Student Therapist
Cognitive-Behavioral Therapy Team, Psychological Services
Center, University of Louisville**

Supervisor: Janet Woodruff-Borden, Ph.D.

- Conduct psychotherapy with children and adults with anxiety, affective, and/or behavioral concerns at community mental health center
- Conduct parent training, clinical interviews, and conceptualize cases within the cognitive-behavioral orientation
- Design time-limited abuse-prevention program with focus on assertiveness training for school-aged girl with Williams syndrome. Collect pre- and post-intervention assessment data

June 2003-May 2004

**Support Group Facilitator
Keene State College**

Supervisors: Lawrence Welkowitz, Ph.D., Linda Baker, Ph.D.

- Facilitate support group for caregivers of children with autism spectrum disorders in laboratory setting

August 2001-May 2004

**Social Skills Trainer
Keene State College**

Supervisor: Lawrence Welkowitz, Ph.D.

- Conduct social skills training for individuals with autism spectrum disorders in laboratory setting

January 2002-May 2002

**Applied Behavior Analysis Student Therapist
Keene State College**

Supervisor: John Moran, Ph.D.

- Conduct applied behavior analysis intervention with children with autism spectrum disorders in home setting

Honors and Awards

Stanley A. Murrell Scientist-Practitioner Award, 2011
Association for Psychological Science Student Affiliate Research Competition Winner, 2005
Academic Excellence Conference Award, Keene State College, 2004
Keene State College Alumnae Organization Travel Award, 2004

Publications

Mervis, C., Dida, J., Lam, E., **Crawford-Zelli, N.**, Young, E., Henderson, D., Onay, T., Morris, C., Woodruff-Borden, J., Yeomans, J., & Osborne, L. (2012). Duplication of GTF2I results in separation anxiety in mice and humans. *American Journal of Human Genetics*.

Crawford, N., Schrock, M., & Woodruff-Borden, J. (2011). Child internalizing symptoms: Contributions of child temperament, maternal negative affect, and family functioning. *Child Psychiatry and Human Development*, 42, 53-64.

Lyle, K. & **Crawford, N.** (2011). Retrieving essential material at the end of lectures improves performance on statistics exams. *Teaching of Psychology*, 38, 94-97.

Woodruff-Borden, J., Kistler, D.J., Henderson, D.R., **Crawford, N.**, & Mervis, C. (2010). Longitudinal course of anxiety in children with Williams syndrome. *American Journal of Medical Genetics Part C*, 153C, 277-290.

Plesa Skwerer, D., Borum, L., Verbalis, A., Schofield, C., **Crawford, N.**, Ciciolla, L., & Tager-Flusberg, H. (2009). Autonomic responses to dynamic displays of facial expressions in adolescents and adults with Williams syndrome. *Social Cognitive & Affective Neuroscience*, 4, 93-100.

Crawford, N., Edelson, L., Plesa Skwerer, D., & Tager-Flusberg, H. (2008). Expressive language style in narratives by adolescents and adults with Williams syndrome. *Applied Psycholinguistics*, 29, 1-18.

Posters and Presentations

Henderson, D.R., **Crawford-Zelli, N.**, Woodruff-Borden, J., & Mervis, C. (2012, March). *Genetic factors in temperament: A comparison of children with 7q11.23 deletions (Williams syndrome) and duplications (7q11.23 duplication syndrome)*. Paper presented as part of symposium: Biobehavioral investigations of temperament in Fragile X, Williams, and 7q11.23 duplication syndromes, 44th Annual Gatlinburg Conference, Annapolis, MD.

Dida, J., Mervis, C., Lam, E., **Crawford-Zelli, N.**, Young, E., Henderson, D., Morris, C., Onay, T., Woodruff-Borden, J., Yeomans, J., Osborne, L. (2011, November). *Duplication of GTF2I results in separation anxiety in mice and humans*. Poster presented at the 41st Annual Meeting of the Society for Neuroscience, Washington, D.C.

Crawford, N., Woodruff-Borden, J., & Mervis, C. (2011, March). *Parenting stress in mothers of very young children with Williams syndrome*. Poster presented at the 44th Annual Gatlinburg Conference, San Antonio, TX.

- Henderson, D., **Crawford, N.**, Woodruff-Borden, J., & Mervis, C. (2011, March). *Peer relationships and extracurricular activities of children with Williams syndrome: A preliminary study*. Poster presented at the 44th Annual Gatlinburg Conference, San Antonio, TX.
- Crawford, N.**, Schrock, M., & Woodruff-Borden, J. (2008, November). *Childhood internalizing disorders: Using negative affect and family functioning to predict internalizing symptoms in children aged 3 – 5 years*. Poster presented at the Association for Behavioral and Cognitive Therapies' 42nd Annual Convention, Orlando, FL.
- Tammen, E., Chapman, L., **Crawford, N.**, & Woodruff-Borden, J. (2008, November). *Mother and father acceptance: Differential impact on current anxiety symptoms in African American and European American young adults*. Poster presented at the Association for Behavioral and Cognitive Therapies' 42nd Annual Convention, Orlando, FL.
- Crawford, N.**, John, A., Woodruff-Borden, J., & Mervis, C. (2008, July). *Sensory processing difficulties predict internalizing symptoms, ADHD symptoms, and repetitive behaviors in 4 – 10-year-old children with Williams syndrome*. Poster presented at the 12th International Professional Conference on Williams syndrome, Garden Grove, CA.
- Mervis, C., Velleman, S.L., John, A.E., Currier, A., Peregrine, E., Becerra, A.M., **Crawford, N.**, Woodruff-Borden, J., Beasley, J., & Morris, C.A. (2008, July). *Intellectual and behavioral characteristics of individuals with Williams syndrome or duplication of the Williams syndrome region*. Invited platform presentation at the 12th International Professional Conference on Williams syndrome, Garden Grove, CA.
- Crawford, N.**, Edelson, L., Plesa Skwerer, D., & Tager-Flusberg, H. (2007, April). *Expressive quality of language in adolescents and adults with Williams syndrome*. Poster presented at the Society for Research in Child Development's Biennial Meeting, Boston, MA.
- Morris, C. A., **Crawford, N.**, Pani, A. M., Fontana, K., Farwig, K., Rios, C., Kimberley, K., Hobart, H. H., Fricke, J., Peregrine, E., Mervis, C., Woodruff-Borden, J., & Gregg, R. G. (2007, March). *High resolution SNP microarray detects 16p interstitial duplication in a man with significant anxiety, mental retardation, hyperextensible joints, dysmorphic features, and hypopigmented streaks*. Talk presented at the American College of Medical Genetics Annual Meeting, Nashville, TN.
- Edelson, L., **Crawford, N.**, Plesa Skwerer, D., & Tager-Flusberg, H. (2006, July). *Talking about daily events: Personal narratives of adolescents and adults with Williams syndrome*. Poster presented at the 11th International Professional Conference on Williams Syndrome, Richmond, VA.
- Plesa Skwerer, D., **Crawford, N.**, Edelson, L., & Tager-Flusberg, H. (2006, July). *Distinctive patterns of attachment and emotionality in children with Williams syndrome: Preliminary findings from parental interviews*. Poster presented at the 11th International Professional Conference on Williams syndrome, Richmond, VA.
- Plesa Skwerer, D., **Crawford, N.**, Edelson, L., & Tager-Flusberg, H. (2006, July). *Receptive and expressive prosodic abilities in adolescents and adults with Williams syndrome*. Talk presented at the 11th International Professional Conference on Williams syndrome, Richmond, VA.
- Crawford, N.**, Borum, L., Verbalis, A., Schofield, C., Plesa Skwerer, D., & Tager-Flusberg, H. (2005, May). *Implicit processing of emotions in Williams syndrome*. Poster presented at the 17th Annual American Psychological Society Convention, Los Angeles, CA.

Plesa Skwerer, D., Verbalis, A., Schofield, C., Borum, L., **Crawford, N.**, & Tager-Flusberg, H. (2005, April). *Electrodermal responses to dynamic presentations of facial expressions of emotion in Williams syndrome*. Poster presented at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.

Welkowitz, L., Baker, L., Welkowitz, J., & **Crawford, N.** (2004, June). *Developing a college-based peer-mentoring program for individuals with Asperger syndrome*. Panel discussion presented at the 3rd Annual International Conference on Social Sciences, Honolulu, HI.